

a timing generator which generates a timing signal applied to at least one of the pilot data generator and the first and second modulators so that the pilot signal can be intermittently transmitted; and

traffic channel transmit units which respectively transmit data signals in respect of traffic channels.

--19. (New) A transmitter used in a CDMA mobile communication system comprising:

a pilot channel transmit unit which intermittently transmits a pilot signal in a spread spectrum formation, the pilot signal having a period shorter than an interval in which the pilot signal is intermittently transmitted; and

traffic channel transmit units which respectively transmit data signals in respect of traffic channels.

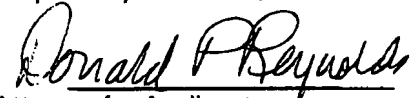
--20. (New) A receiver used in a CDMA mobile communication system comprising:

a pilot channel receive unit which demodulates pilot signals respectively transmitted intermittently in a spread spectrum formation by transmitters, and detects, from the pilot signals, a timing for a traffic channel demodulation; and

a traffic channel receive unit which demodulates data at the timing detected by said pilot channel receive unit; and the timing detected by comparing peaks of the pilot signals intermittently transmitted, the timing for the traffic channel demodulation corresponding to a greatest one of the peaks.

Applicant submits that the application as amended is in a condition for allowance, which action is respectfully requested.

Respectfully submitted,



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